

**PATENT APPLICATION DECLARATION  
COMBINED WITH POWER OF ATTORNEY**

Attorney's Docket No. A-2910

☒ Regular (Utility)

☐ Design Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MECHANISM AND APPARATUS FOR ENCAPSULATION OF ENTITLEMENT  
AUTHORIZATION IN CONDITIONAL ACCESS SYSTEM**

the specification of which:

☒ is attached hereto

☐ was filed on: \_\_\_\_\_

as U.S. Serial No.: \_\_\_\_\_

and was amended on \_\_\_\_\_

*(if applicable)*

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119, of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**Prior Foreign/PCT Application(s):**

☒ no such application(s) filed.

☐ such application(s) identified as follows:

Country	Application Number	Date of Filing (day, month, year)	Priority Claimed Under 37 USC 119
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner

provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the examination of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

**Prior U.S. Application(s):**

- ☐ no such application(s) filed.
- ☒ such application(s) identified as follows:

Application No.	Filing Date (day, month, year)	Status (Patented, Pending, Abandoned)
60/054,578	August 1, 1997	Pending

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the date of this application.

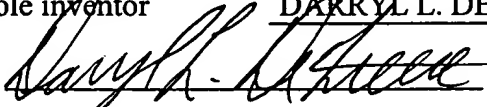
I HEREBY APPOINT THE FOLLOWING AS MY ATTORNEY(S) OR AGENT(S) WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:

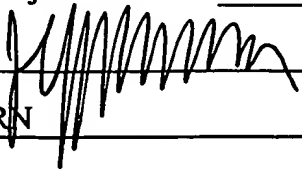
NAME(S)	REG. NO.(S)	ASSOCIATE POWER OF ATTORNEY ATTACHED	
Kenneth M. Massaroni	33,015	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Hubert J. Barnhardt III	36,739	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Kelly A. Gardner	35,147	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Send correspondence to:

SCIENTIFIC-ATLANTA, INC.  
Intellectual Property Department  
One Technology Parkway, South  
Norcross, GA 30092-2967  
Direct Telephone Calls to: (770)903-4717

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole inventor	DARRYL L. DEFREESE	
Inventor's signature		Date 7/2/98
Residence	LAWRENCEVILLE	GEORGIA
	City	State or Foreign Country
Citizenship	UNITED STATES	
	Country	
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	Street Address	
LAWRECEVILLE	GEORGIA	30044
City	State or Country	Zip Code

Full name of second named joint inventor <u>JEFFREY M. SEAMAN</u>		
Inventor's signature <u></u>	Date <u>7/02/98</u>	
Residence <u>LILBURN</u>	<u>GEORGIA</u>	
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Citizenship <u>UNITED STATES</u>		
Country		
Post Office Address <u>3958 LEE RIDGE WAY</u>		
Street Address		
<u>LILBURN</u>	<u>GEORGIA</u>	<u>30047</u>
City	State or Country	Zip Code

Full name of third named joint inventor	ANTHONY J. WASILEWSKI	
Inventor's signature	<i>Anthony J. Wasilewski</i>	Date 7/6/98
Residence	ALPHARETTA	GEORGIA
	City	State or Foreign Country
Citizenship	UNITED STATES	
	Country	
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	Street Address	
		30022 <i>ajw</i>
	ALPHARETTA	GEORGIA
		<del>30202</del>
	City	State or Country
		Zip Code

Recordation Form Cover Sheet  
PATENTS ONLY

Assistant Commissioner for Patents  
Washington, D.C. 20231

JC542 U.S. PTO  
09/475696  
12/30/99

Dear Sir:

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies):

<sup>1</sup> DARRYL L. DEFREESE, <sup>2</sup> JEFFREY M. SEAMAN, <sup>3</sup> ANTHONY J. WASILEWSKI,

2. Name and Address of Receiving Party

Scientific-Atlanta, Inc.,  
One Technology Parkway, South  
Norcross, GA 30092-2967

State of Incorporation:

Georgia

3. Nature of Conveyance: Assignment Execution Date: 7/2/98 & 7/6/98

4. This document is being filed along with a new patent application,

Docket No.: A-2910

Title: MECHANISM AND APPARATUS FOR ENCAPSULATION  
OF ENTITLEMENT AUTHORIZATION IN CONDITIONAL  
ACCESS SYSTEM

the execution date of the application is: July 8, 1998

5. Please send correspondence to:

Scientific-Atlanta, Inc.,  
Intellectual Property Department  
One Technology Parkway, South  
Norcross, GA 30092-2967

6. Total Number of application and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00

8. Please charge to Deposit Account No.: 19-0761

9. To the best of my knowledge and belief, the foregoing information is a  
true and correct original document.

DO NOT USE THIS SPACE

SEND CORRESPONDENCE TO:

Scientific-Atlanta, Inc.  
Intellectual Property Department  
One Technology Parkway, South  
Norcross, GA 30092-2967

By: Kenneth M. Massaroni  
Kenneth M. Massaroni  
Attorney of Record  
Reg. No.: 33,015  
Phone: (770) 903-4717  
Fax No.: (770) 903-4806

Total Number of pages comprising cover sheet: 1 Dated: July 8, 1998

**ASSIGNMENT AND AGREEMENT**

For and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **DARRYL L. DEFREESE, JEFFREY M. SEAMAN, AND ANTHONY J. WASILEWSKI**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **SCIENTIFIC-ATLANTA, INC.**, a corporation of the State of Georgia, having its principal office in Norcross, State of Georgia, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **MECHANISM AND APPARATUS FOR ENCAPSULATION OF ENTITLEMENT AUTHORIZATION IN CONDITIONAL ACCESS SYSTEM (Case No. A-2910)** described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto the said **SCIENTIFIC-ATLANTA, INC.**, the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said invention and said applications for Letters Patent in foreign countries, and we further authorize the said **SCIENTIFIC-ATLANTA, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said **SCIENTIFIC-ATLANTA, INC.**, for the sole use and behoof of said **SCIENTIFIC-ATLANTA, INC.**, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent

authorities in foreign countries to issue the patents of their respective countries to the said SCIENTIFIC-ATLANTA, INC.

We agree that, when requested, we will, without charge to said SCIENTIFIC-ATLANTA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said SCIENTIFIC-ATLANTA, INC., its successors, assigns and legal representatives or nominees.

We covenant with said SCIENTIFIC-ATLANTA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Darryl L. Defreese 7/2/98  
DARRYL L. DEFREESE DATE

STATE OF GEORGIA )  
COUNTY OF GWINNETT )

I, JOANN M. BOWN, a Notary Public in and for the County and State aforesaid, do hereby certify that the same person whose name is **DARRYL L. DEFREESE** subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 2ND day of JULY, 1998.

JoAnn M. Bown  
Notary Public Signature

Public, Gwinnett County  
Commission Expires December 28, 1998.

Notary Public, Gwinnett County, Georgia.  
My Commission Expires December 28, 1998.



JEFFREY M. SEAMAN

7/02/98

DATE

STATE OF GEORGIA )

COUNTY OF GWINNETT )

I, JO ANN M. BOWN, a Notary Public in and for the County and State aforesaid, do hereby certify that the same person whose name is **JEFFREY M. SEAMAN** subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 2ND day of JULY, 1998.

Jo Ann M. Bown  
Notary Public Signature

Notary Public, Gwinnett County, Georgia.  
My Commission Expires December 28, 1998.

Anthony J. Wasilewski  
ANTHONY J. WASILEWSKI

7/6/98  
DATE

STATE OF GEORGIA           )  
COUNTY OF GWINNETT    )

I, JoAnn M. Bown, a Notary Public in and for the County and State  
aforesaid, do hereby certify that the same person whose name is **ANTHONY J.  
WASILEWSKI** subscribed to the foregoing instrument, appeared before me this day  
in person and acknowledged that he signed, sealed and delivered said instrument as  
his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 6TH day of JULY, 1998.

JoAnn M. Bown  
Notary Public Signature

Notary Public, Gwinnett County, Georgia.  
My Commission Expires December 28, 1998.